

Technical data sheet

SIMPSON

Strong-Tie

PVIB

Column Shoes type VARIO (lbs)

The PVIB support feet are height-adjustable and can be dowelled onto concrete.

Features

Material

Steel quality:

S 235 JR according to DIN EN 10025

Corrosion protection:

completely galvanized after processing; Zinc coating thickness about 55 microns in accordance with DIN EN 1461

Applicable materials

In Stock:

- Concrete

Component:

- Wood, wood products

Applications

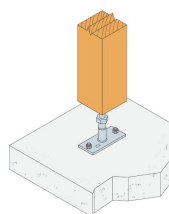
Application area

- On dowelled fixing of wooden supports for subsequent vertical orientation for medium loads, for example. Carports larger canopies, etc

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Installation

- The support feet are concreted.
- The connection of the props by means CNA comb nails or for construction purposes with bolts, or with dowels Ø 8 mm.
- The dowels must be at least 60mm long



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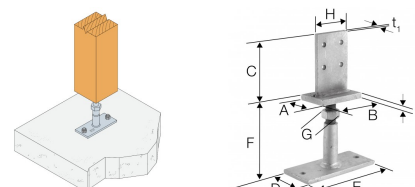
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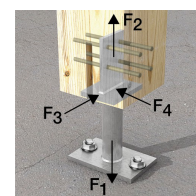
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Product Dimensions



References	Tun / DB nr.	NOB nr.	Dimensions and drill holes [mm]										Top plate holes	Bottom plate holes	Box Quantity	Weight [kg]
			A	B	C	D	E	F	G	H	t ₁	t ₂	Ø8.5	Porteur		
PVIBG	1480118	44191586	60	90	110	70	160	109 - 161	20	70	8	8	4	2	10	1.8

Characteristic Capacities



References	Number of Fasteners				Characteristic Capacities [kN]													
	On the post		On the concrete		R _{1,k}	R _{2,k}			R _{3,k}			R _{4,k} g _{max} **= 120 mm			R _{4,k} g _{max} **= 145 mm			
	Qty	Type	Qty	Type		Dowel length [mm]			g**			Dowel length [mm]			Dowel length [mm]			
						80	120	160	120	145	170	80	120	160	80	120	160	
PVIBG	4	STD8	2	Ø10*	min (90.7 ; 49/kmod)	16	20.7	20.7	2.8	2.6	2.2	min (2.09 ; 2.1/kmod)	min (3.6 ; 2.9/kmod)	min (3.8 ; 2.9/kmod)	min (1.9 ; 1.9/kmod)	min (3.3 ; 2.7/kmod)	min (3.5 ; 2.7/kmod)	min (3.6 ; 1.6/kmod)

* Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions are BOA, AT-HP, depending on the concrete type, spacing and edge distances.

** g is the distance from top of concrete to bottom of post

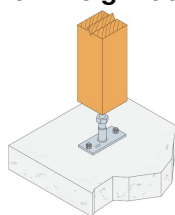
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Benefits

- The PVIB support feet are height-adjustable and are preferred for concealed connections, since the upright slotted sheet is built into the support-applied.
- The minimum cross-section for supporting Type PVIB is 60 × 90 mm.
- The max. Height adjustment is ± 25 mm from the ideal height.



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